

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,841,490 B2  
DATED : January 11, 2005  
INVENTOR(S) : Akira Unno et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 5, "layer" should read -- layers --.

Line 44, "not" should be deleted.

Column 4,

Line 35, "changes" should read -- change --.

Line 37, "which" should read -- with reference to --.

Column 5,

Line 31, "as to" should read -- of --.

Line 51, "Is" should read -- is --.

Column 6,

Line 3, "hearing" should read -- heating --.

Line 30, "latm" should read -- 1 atm --.

Line 43, "is the film formation temperature)" should read -- are the film formation temperatures) --.

Column 7,

Line 16, "has" should read -- have --.

Column 8,

Line 31, "changes" should read -- change --.

Table 3, "breakdwon" (both occurrences) should read -- breakdown --, and "accross" should read -- across --.

Column 9,

Line 2, "Zr" should read -- Zr and--.

Table 5, "won" should read -- own --, "accross" should read -- across --, and "breakdwon" should read -- breakdown --.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,841,490 B2  
DATED : January 11, 2005  
INVENTOR(S) : Akira Unno et al.

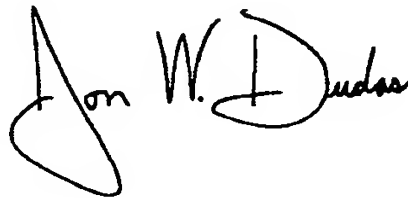
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10,  
Line 5, "reactiv" should read -- reactive --.

Signed and Sealed this

Fourth Day of October, 2005

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a distinct "D" at the end.

---

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*